BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT **CERTIFICATION FORM**

Harmony Water Association, Inc. Public Water Supply Name

120005 #2#3 120016 #2#3#4 120018 120028 List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Please Answer the Following Questions Regarding the Consumer Confidence Report

	Customers were	e informed of availability of CCR by: (Attach	copy of publication, water bill or other)
	X	Advertisement in local paper On water bills Other	•
	Date customer	rs were informed: <u>6 / 25/ 09</u>	
	CCR was distr	ributed by mail or other direct delivery.	Specify other direct delivery methods:
	Date Mailed/Dis	stributed:/_/_	
N	CCR was publis	shed in local newspaper. (Attach copy of publ	shed CCR or proof of publication)
	Name of Newsp	paper: The Clarke County Tribu	ne
	Date Published:	6 /25 / 09	
	CCR was posted	d in public places. (Attach list of locations)	
	Date Posted:	<u>/ /</u>	
	CCR was posted	d on a publicly accessible internet site at the ac	dress: www
<u>CERTI</u>	FICATION		
the forn consiste	n and manner ident nt with the wate	entified above. I further certify that the info	istributed to the customers of this public water system in rmation included in this CCR is true and correct and is public water system officials by the Mississippi State
Jeff Name/	MMY/175) Title (President,)	Mayor, Owner, etc.)	6-30-09 Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

Annual Drinking Water Quality Report Harmony Water Association, Inc. June, 2009 RECEIVED-WATER SUPPLY

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed a Bubbe excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Daniel Dearman at 601-776-2593 or 118 Long Blvd. Quitman. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the third Monday of every month at 4:30 PM at the Harmony Water Association office, and our annual meeting is held the third Monday of October. You will receive a notice of location and time.

Harmony Water Association routinely monitors for 154 constituents in your drinking water according to federal and state laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2008. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

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PWS # 120028 - North Enterprise- Lower Wilcox Aquifer

				0028 – North E ceptibility to co		VOI WILCOX A	quitor	
					ESULTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Radioactive	Contam	inants						
5. Alpha emitters	N	2002*	1.0	No Range	PCi/1	0	15	Erosion of natural deposits
Inorganic Co	ontamin	ants						
7. Antimony	N	2008	.0005	1	Ppm	6	6	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
8. Arsenic	N	2008	.0005	No Range	Ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008	.016987	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
11. Beryllium	N	2008	.0001	No Range	Ppb	4	4	Discharge from metal refineries and coal- burning factories; discharge from electrical, aerospace, and defense industries
12. Cadmium	N	2008	.0001	No Range	Ppb	5	5.	Corrosion.of. milwanizathnipes; consion of natural denosity discharge
1								deposits; discharge deposits; discharge

76. Xylenes Volatile Orga	nic Co	2008 ntamina	nts	No Range	Ppb	10	10	Discharge from
								to control microbes
Chlorine(asCl2)	N	2008	0.42	0.40 0.43	Mg/L	N/A	4	water chlorination Water Additives; used
73. TTHM [Total trihalomethanes] HAA5	N	2006*	.080	No Range No Range	ppb	0	.060	By-product of drinking water chlorination By-product of drinking
Disinfection			000	No Panca	Innh		100	Dy modust of data!
22. Thallium	N	2008	.0005	0	Ppm	2	2	
21. Selenium	N	2008	.0005	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
20. Nitrite(as Nitrogen)	N	2008	.02	No Range	Ppm	1	1	Runoff from fertilizer use: leaching from septic tanks, sewage: erosion of natural deposits
19. Nitrate(as Nitrogen)	N	2008	.08	No Range	Ppm	10	10	Runoff from fertilizer use: leaching from septic tanks, sewage: erosion of natural deposits
18. Mercury (inorganic)	N	2008	.0002	No Range	Ppb	2	2	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland
17. Lead	N	2008	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
16. Fluoride	N	2008	0.1	0	Ppm	4	4	Erosion of natural deposits: water additive which promotes strong teeth: discharge from fertilizer and aluminum factories
14. Copper	N	2008	0.3	0	Ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
13. Chromium	N	2008	.000533	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits

*Most Recent Sample Results Available

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/ test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. Our water system failed to complete these monitoring requirements in January 1 2006 through January 31 2006. We did complete the monitoring requirements for bacteriological sampling that showed no coli form present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies system of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Harmony Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerened about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

Some People may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from Safe Drinking Water Hotline (800-426-4791).

****A MESSAGE FROM MSDH CONCERING RADIOLOGICAL SAMPLING *****

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518

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2009 JUL - 1 AM 9: 03

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PWS # 120016-#2 #3 #4 - Sandy Basin & Hwy 514 Wells ~ Lower Wilcox Aquifer

				eptibility to con	•		wer wheek Aquiter	
				TEST R	ESULTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Radioactive	Contam	inants						
4. Beta/photon emitters	N	1998*	3.6	No Range	PCi/l	0	50	Decay of natural and man-made deposits
Inorganic C	ontamin	ants						
7. Antimony #2 #3 #4	N	2008 2007* 2007*	.0005	1	Ppm	6	6	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
8. Arsenic #2 #3 #4	N	2008 2007* 2007*	.0005	No Range	Ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium #2 #3 #4	N	2008 2007* 2007*	.006971 .001189 .126472	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
11. Beryllium #2 #3 #4	N	2008 2007* 2007*	.0001	No Range	Ppb	4	4	Discharge from metal refineries and coal- burning factories: discharge from electrical, aerospace, and defense industries
12. Cadmium #2 #3 #4	N	2008 2007* 2007*	.0001 .0001 .0001	No Range	Ppb	5	5	Corrision of galvanized Pipes: erosion of natural deposits: discharge from metal refineries:

13. Chromium #2 #3 #4	N	2008 2007* 2007*	.0005 .0005 .0005	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper #2 #3 #4	N	2008	0.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride #2 #3 #4	N	2008 2007* 2007*	.01 .01 .01	0	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead #2 #3 #4	N	2008	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
18. Mercury #2 (inorganic) #3 #4	N	2008 2007* 2007*	.0002	No Range	Ppb	2	2	Erosion of natural deposits: discharge from refineries and factories: runoff from landfills: runoff from cropland
19. Nitrate(as #2 Nitrogen) #3 #4	N	2008	.08	No Range	Ppm	10	10	Runoff from fertilizer use: leaching from septic tanks, sewage: erosion of natural deposits
20. Nitrite(as #2 Nitrogen #3 #4	N	2008	.02	No Range	Ppm	1	1	Runoff from fertilizer use: leaching from septic tanks, sewage: erosion of natural deposits
21. Selenium #2 #3 #4	N	2008 2007* 2007*	.000676 .0005 .0005	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
22. Thallium #2 #3 #4	N	2008 2007* 2007*	.0005	0	Ppm	2	2	Leaching from ore- processing sites: discharge from electronics, glass, and drug factories
Disinfectant	By Pro	duct				· · · · · · · · · · · · · · · · · · ·		
59. p- Dichlorobenzene	N	2006*	0.80	No Range	Ppb	0	100	By-product of drinking water chlorination
НАА5	N	2006*	.060	No Range	Ppm	0	60	By-product of drinking water chlorination
Chlorine(asCl2)	N	2008	0.57	0.51 0.58	Mg/L	n/a	4	Water Additives; used to control microbes
Volatile Org	anic Co	ontamina	ints					
76. Xylenes	N	2008	0.5	No Range	Ppm	10	10	Discharge from petroleum factories; discharge from chemical factories

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PWS # 120005 Well #2 & #3 - Harmony Well - Sparta Sand Aquifer.

Moderate susceptibility to contamination

				TEST	RESULTS	8		
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Radioactive	Contam	inants						
4. Beta/photon emitters	N	2002*	0.80	No Range	PCi/l	0	50	Decay of natural and man- made deposits
5. Alpha emitters	N	2002*	1.0	No Range	PCi/1	0	15	Erosion of natural deposits
Inorganic Co	ontamin	ants						
7. Antimony	N	2007*	.0005	1	Ppb	6	6	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
8. Arsenic #3 #2	N	2007* 2006*	.0005 .796	No Range	Ppb	N/A	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium #3 #2	N	2007* 2006*	.008483 .008072	No Range	ppm	2	2	Discharge of drilling wastes: discharge from metal

								refineries: erosion of natural deposits
11. Beryllium #3	N	2007*	.0001	No Range	Ppb	4	4	Discharge from metal refineries and coal-burning factories: discharge from electrical, aerospace, and defense industries
12. Cadmium #3	N	2007*	.0001	No Range	Ppb	5	5	Corrosion of galvanized pipes: erosion of natural deposits: discharge from metal refineries: runoff from waste batteries and paints
13. Chromium #3 #2	N	2007* 2006*	.0005 .002419	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2008	0.1	0	ppm	13	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride #3 #2	N	2007* 2006*	.206 .259622	0	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
18. Mercury #3 (inorganic)	N	2007*	.0002	No Range	Ppb	2	2	Erosion of natural deposits: discharge from refineries and factories: runoff from landfills: runoff from cropland
19. Nitrate(as #3 Nitrogen)	N	2008	.08	No Range	Ppm	10	10	Runoff from fertilizer use: leaching from septic tanks, sewage: erosion of natural deposits
20. Nitrite (as #3 Nitrogen)	N	2008	.02	No Range	Ppm	1	1	Runoff from fertilizer use: leaching from septic tanks, sewage: erosion of natural deposits
21.Selenium #3 #2	N	2007* 2006*	.000626 .002070	No Range	ppb	50	50	Discharge from petroleum and metal refineries: erosion of natural deposits: Discharge from mines
22. Thallium #3	N	2007*	.0005	0	Ppm	2	2	Leaching from ore-processing sites: discharge from electronics, glass, and drug factories
Disinfectant	By Pro	ducts		.1	· · · · · · · · · · · · · · · · · · ·			t in the second
73. TTHM [Total trihalomethanes]	N	2008	1.23	None	ppb	. 0	100	By-product of drinking water chlorination

HAA5	N	2004*	.024	No Range	ppm	0	.060	By-product of drinking water chlorination
Chlorine(asCl2)	N	2008	0.94	0.42 0.94	MG/I	N/A	4	Water Additives; used to control microbes

Volatile Organic Contaminants

- 1									
	76. Xylenes #3	N	2008	5	No Range	ppb	10	10	Discharge from petroleum
١	#2		2006*	.882					factories; discharge from
١				1					chemical factories
			1				1		

*Most Recent Sample Results Available

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

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PWS# 120018 Elwood - Lower Wilcox Aquifer Lower susceptibility to contamination

				Wer susceptible TEST R	ESULTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Radioactive	Contam	inants						
5. Alpha emitters	N	2002*	1.0	No Range	PCi/1	0	15	Erosion of natural deposits
Inorganic Co	ontamin	ants						
7. Antimony	N	2008	.0005	1	Ppb	6	6	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
8. Arsenic	N	2008	.0005	No Range	Ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008	.011452	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
11. Beryllium	N	2008	.0001	No Range	Ppb	4	4	Discharge from metal refineries and coal- burning factories; discharge from electrical, aerospace, and defense industries
12. Cadmium	N	2008	.0001	No Range	ppb	5	5	Corrosion of galvanized pipes;

		T		I	-т			erosion of natural
								deposits; discharge from metal refineries
13. Chromium	N	2008	.000727	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2008	0.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008	.102	0	ppm	4	4	Erosion of natural deposits: water additive which promotes strong teeth: discharge from fertilizer and aluminum factories
17. Lead	N	2008	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
18. Mercury (inorganic)	N	2008	.0002	No Range	Ppb	2	2	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland
19. Nitrate(as Nitrogen)	N	2008	.08	No Range	ppm	10	10	Runoff from fertilizer use: leaching from septic tanks, sewage: erosion of natural deposits
20. Nitrite(as Nitrogen)	N	2008	.02	No Range	Ppm	1	1	Runoff from fertilizer use: leaching from septic tanks, sewage: crosion of natural deposits
21. Selenium	N	2008	.000554	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
22. Thallium	N	2008	.0005	0	Ppm	2	2	Leaching from ore- processing sites; discharge from electronics, glass, and drug factories
Disinfection l	By Proc	lucts						
73. TTHM [Total trihalomethanes]	N	2007*	1.55	No Range	ppb	0	100	By-product of drinking water chlorination
HAA5	N	2007*	20.3	No Range	ppm	0	.060	By-product of drinking water chlorination
Chlorine(asCl2)	N	2008	1.05	0.54 1.07	MG/I	N/A	4	Water Additives; used to control microbes
Volatile Or	ganic (Contamii	nants	<u> </u>				
76. Xylenes	N	2008 Samples Resul	5	No Range	ppb	10	10	Discharge from petroleum factories; discharge from Chemical factories

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Harmony Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

Some People may be more vulnerable to contaminants in drinking water than the general population. Immuno compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from Safe Drinking Water Hotline (800-426-4791).

***** MESSAGE FROM MSDH CONCERING RADIOLOGICAL SAMPLING *****

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518

Please call our office if you have questions.

We at Harmony Water Association work hard to provide quality water at every tap. We ask that all customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

KEULIVEU-WAILK SUPPLY

PROOF OF PUBLICATION 2009 JUL - 1 AM 9: 02

STATE OF MISSISSIPPI CLARKE COUNTY

Before me th	e undersigned authority	in and for said county	Clarke	legal clerk of The Clarke
County Tribune,	a newspaper published	in the City of Quitman, Clarke ed in said newspaper as follo		ng duly sworn says that the notice, a copy
	Dated	une 78 2009	Dated	20
	Dated	20	Dated	20
	Dated	20	Dated	20
			THE CLARKE COU	NTY TRIBUNE
			Ву:	Bozeman
Sworn to and has been produ	subscribed before me, ced before me and com	and I, the said Notary Public pared with the copy hereto at	as aforesaid, do certify tached and that the sam	that the newspaper containing said notice le is correct and truly made.
Given under	my hand and the seal of	said county this the	30 day	of2009
Printer's Fee	\$			Notary Public
Proof of Pub.	\$	- *		
TOTAL	\$	NOTARY PUBLIC Comm Expires May 25, 2013		

ANNUAL DRINKING WATER QUALITY REPORT HARMONY WATER ASSOCIATION, INC. JUNE 2009

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Daniel Dearman at 601-776-2593 or 118 Long Blvd. Quitman. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the third Monday of every month at 4:30 PM at the Harmony Water Association office, and our annual meeting is held the third Monday of October. You will receive a notice of location and time.

Harmony Water Association routinely monitors for 154

constituents in your drinking water according to federal and state laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2008. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions. Maximum Contaminant Level - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Action Level - The concentration of a contaminant which, if exceeded, triggers water treatment or other requirements which a water system must follow.

PWS # 120016-#2 #3 #4Sandy Basin & Hwy 514 Wells - Lower Wilcox Aquifer

Contaminant	Violation	Date	Level	Range of	Unit	MCLG	MCL	Likely Source of
Radioactive Contamina	Y/N	Collected	Detected	Detects or # of Samples Exceeding MCL/ACL	Measurement		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Contamination
Beta/photon emitter	; N	1998*	3.6	No Range	PCi/I		0	50 Decay of natural a
Inorganic Contaminants 7. Antimony #2 #3 #4	N	2008 2007* 2007*	.0005	1	Ppm	e		Discharge from petrol refineries; fire retardant ceramics; electronics; solder
8. Arsenic #2 #3 #4	N	2008 2007* 2007*	.0005	No Range	Ppb	n	la	50 Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10: Barium#2 #3 #4	N	2008 2007* 2007*	.006971 .001189 .126472	No Range	Ppm			Discharge of drilling wastes; discharge from metal refineries; erosio of natural deposits
11. Beryllium #2 #3 #4	N	2008 2007* 2007*	.0001	No Range	Ppb			4 Discharge from met- refineries and coal- burning factories: discharge from electric aerospace, and defens industries
12. Cadmium #2 #3 #4	N	2008 2007* 2007*	.0001 .0001 .0001	No Range	Ppb			Corrision of galvanize Pipes: erosion of nature deposits: discharge fro metal refineries:
13. Chromium #2 #3 #4	N	2008 2007* 2007*	.0005 .0005 .0005	No Range	Ppb	10) 11	Disarge from steel as pulp mills; erosion of natural deposits
14. Copper #2 #3 #4	N.	2008	0.2	0	ppm	1	3 AL=	3 Corrosion of house plumbing systems; ero of natural deposits; leaching from wood preservatives
16. Fluoride #2 #3 #4	N	2008 2007* 2007*	.01 .01 .01	0	ppm 	4		Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead #2 #3 #4	N	2008	2	0	ppb	C	AL=1	
18. Mercury #2 (inorganic) #3 #4	N	2008 2007 2007	.0002	No Range	Ppb		2 (1.3)(1.3)(1.3)(1.3)(1.3)	2 Erosion of natural deposits; discharge fro refineries and factories nunoff from landfills; runoff from cropland
19. Nitrate(as #2 Nitrogen) #3 #4	N	2008	.08	No Range	Ppm	10	10	Runoff from fertilizer u leaching from septic tanks, sewage: erostor natural deposits
20. Nitrite(as #2 Nitrogen #3 #4	N	2008	.02	No Range	Ppm		1	Runoff from fertilize leaching from septic tanks, sewage: eroslor natural deposits
21. Selenium #2 #3 #4	N	2008 2007* 2007*	.000676 .0005 .0005	No Range	ppb	51		Discharge from petri and metal refineries; erosion of natural deposits; discharge fro mines
20 Thelling #2	O'KI WALKET	2000	1 0005	104 m20 V 000 000 000 000	l Dom	1-11-11-11-11-1	.	D. Leaching from ore

20. Nitrite(es #2 Nitrogen #3 #4	N	2008	.02	No Range	Ppm	1	Runoff from fertilizer to leaching from septic tanks, sewage: erosion on natural deposits
21. Selenium #2 #3 #4	N	2008 2007* 2007*	.000676 .0005 .0005	No Range	ррь	50	50 Discharge from petrole and metal refineries; erosion of natural deposits; discharge from mines
22. Thallium #2 #3 #4	N	2008 2007* 2007*	.0005	0	Ppm		Leaching from ore- processing sites: discharge from electronics, glass, and drug factories
Disinfectant By Product							
59. p-Dichlorobenzene	N	2006*	0.80	No Range	Ppb	0	100 By-product of drinking water chlorination
HAA5	N	2006*	.060	No Range	Ppm	0	50 By-product of drinking water chlorination
Chlorine(asCl2)	N	2008	0.57	0.51 0.58	Mg/L	na	4 Water Additives; used control microbes

Volatile Orga	anic Contaminar	nts			
76. Xylenes	N 2008	0.5 No Range	Ppm j	pet dis	Discharge from troleum factories; charge from emical factories

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****A MESSAGE FROM MSDH CONCERING RADIOLOGI CAL SAMPLING *****

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CONTINUED ON PAGE 11A

THE CLARKE COUNTY TRIBUNE THURSDAY, JUNE 25, 2009

		decide to the second	10 / A 2 / A	VS # 120018 Elero Lower suscep	tibility to contamin	2 1		
				JESI	RESULTS			
Contaminant Radioactive Contam	Viole Y/N		Level Detected	Range of Detects or # of Sample Exceeding MCL/ACL	Unit Measurement s	MCLG	MCL .	Likely Source of Contamination
Alpha emitters	N	2002*	1.0	No Range	PCi/1	17664		
Inorganic Contamina 7. Antimony	ants N			1 Hortange	1 FOV		0	15 Erosion of natural of
8. Arsenic		2008	.0005	1	Ppb		6	6 Discharge from petro refineries; fire retardants ceramics; electronics;
	N	2008	.0005	No Range	Ppb		/a	solder 50 Erosion of natural deposits; runoff from orchards; runoff from glass and electronics
10. Barium	N	2008	011452	NRange .	ppm .	2		production wastes Discharge of drilling wastes; discharge from metal refineries; erosion
1. Beryllium	N	2008	.0001	No Range	Ррь		4	of natural deposits 4 Discharge from metal refinences and coal-burning factories; discharge from electrical.
2. Cadmium	N	2008	.0001	No Range	ppb	21	5	aerospace, and defense industries 5 Corrosion of galvaniz pipes; erosion of natural
3. Chromium	N	2008	.000727	Mange	ppb	100	1	deposits; discharge from metal refineries 0) Discharge from steel at
. Copper	N	2008	0.1	0	ppm		3 AL	plumbing systems, erosion of natural deposits;
Lead	N	2008	.102	0	ppm	4		preservatives 4 Erosion of natural deposits: water additive which promotes strong teeth: discharge from fertilizer and aluminum.
	N	2008	2	0	ppb	C	AL	factories 15 Corrosion of household plumbing systems, erosion of natural deposits
Mercury (inorganic	Ŋ	2008	0002	No Range	Ррь	2		of natural deposits 2 Erosion of natural deposits, discharge from refineries and factories, runoff from landfills, runoff from cropland
Nilrate(as ogen)	N	2008	.08	No Range	(pap)	10	10	Runoff from fertilizer use leaching from septic tanks, sewage: erosion of natural deposits
Vitrite(as ogen) Selenium	N			No Range	Ppm	1	1	Runoff from fertilizer use: leaching from septic
seioniuiti	N	2008	.000554	Range	opb	- 50	50	natural deposits Discharge from petroleur and metal refineries; erosion of natural deposits, discharge from

2007 2008 Contamina 2008 PWS # 12000 Date Collected 2002* 2007*	5 5 Mol ## Mol Level Detected 0.80 1.0	derate suscep	RESULTS Unit Measurement	taminatio			OBO By-product of drinking water chlorination Water Additives, used control microbes OBS By-product of drinking and control microbes OBS By-product of drinking and control microbes OBS By-product of drinking and control microbes and control factories and control factories. Idea of the control of the control factories and control factories. Likely Source of Contamination
2008 2008 2008 2008 2002	S Well #. Mo Level Detected 0.80 1.0	No Range 2 & #3 - Harr. derate susce; TEST Range of Detects or # of Samples Exceeding MCL/ACL No Range	ppb nony Well - otibility to con RESULTS Unit Measurement	ntaminatio 3	on Jo		to Discharge from petrole factories, discharge from Chemical factories
2008 PWS # 12000 On Date Collected 2002*	5 5 Mol ## Mol Level Detected 0.80 1.0	2 & #3 - Harr. derate suscep TEST Renge of Detects or # of Samples Exceeding MCL/ACL No Range	nony Well - othbility to con RESULTS Unit Measurement	ntaminatio 3	Sand Aquif		factories; discharge from Chemical factories
On Date Collected 2002*	0.80 0.80 1.0	2 & #3 - Harr. derate suscep TEST Renge of Detects or # of Samples Exceeding MCL/ACL No Range	nony Well - othbility to con RESULTS Unit Measurement	ntaminatio 3	Sand Aquif		factories; discharge from Chemical factories
on Date Collected	Level Detected 0.80 1.0	TEST Range of Detects or # of Samples Exceeding MCL/ACL No Range	RESULTS Unit Measurement	ntaminatio 3	on .		Likely Source of Contamination
on Date Collected	Level Detected 0.80 1.0	TEST Range of Detects or # of Samples Exceeding MCL/ACL No Range	RESULTS Unit Measurement	ntaminatio 3	on .		Likely Source of Contamination
Collected 2002* 2002*	0.80	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	1000000	, MC	L	Likely Source of Contamination
Collected 2002* 2002*	0.80	Detects or # of Samples Exceeding MCL/ACL	Measurement	MULO	Mic		Likely Source of Contamination
2002*	1.0						
	54,670,008,819	No Renge	PCIA		0		50 Decay of natural and man- deposits
2007*		NO Italige	PCi/1		0		15 Erosion of natural deposits
	.0005	1	Ppb	- 6		6	argBilitchen petroleum refineries; fire retardants; ceramics; electronics; solder
2007* 2006*	.0005 .796	No Range	Ррь	N/A		50	deposits; runoff from orchards; runoff from glass and electronics
2007* 2006*	.008483 .008072	No Range	ppm	2			production wastes Discharge of drilling wastes: discharge from metal refineries
2007*	.0001	No Range	Ppb	4	16.	4	erosion of natural deposits Discharge from metal refineries and coal-burning factories: discharge from electrical, aerospace, and defense industri
2007*	.0001	No Range	Ppb	5		5	Corrosion of galvanized pipes: erosion of natural deposits: discharge from metal refinenes: runoff from waste batteries and paints
2007* 2006*	.0005 .002419	No Range	ppb	100		8959E0594	Dischargom steel and pulp mills; erosion of natural deposits Corrosion of household plur
2008	0.1	0	ppm		3	AL	systems; erosion of natural deposits; leaching from wood preservatives
2007* 2006*	.206 .259622	0	.ppm				Eroslon of natural deposits; wa additive which promotes strong teeth; discharge from fertilizer and aluminum factories
2008	2	0.	ppb			AL=	15 Corrosion of household plum systems, erosion of natural deposits
2007*	.0002	No Range	Ppb		2	aus 1	Erosion of natural deposits: discharge from refineries and factories: runoff from landfills: runoff from cropland
2008	.08	No Range	Ppm	10		10	Runoff from fertilizer use: leaching from septic tanks, sewage: erosion of natural deposits
2008	.02	No Range	Ppm		1		Runoff from fertilizer use: leaching from septic tanks, sewage: erosion of natural deposits
2007* 2006*	.000626 .002070	No Range	ppb	50		5(Discharge from petroleum and metal refineries: erosion of natural deposits: Discharge from mines
2007*	.0005	0	Ppm		2	2	Leaching from ore-processing sites: discharge from electronics glass, and drug factories
2008	1.23	None	ppb	i	0	-1	0 By-product of drinking water
2004*	.024	No Range	ppm	-	0		chlorination By-product of drinking water
2008	0.94	0.42 0.94	МСЛ	N/	<u> </u>		chlorination Water Additives; used to comicrobes
Contamin	ants						
2008 2006	.5 .882	No Range	ppb	1	ļ .		Discharge from petroleum factories, discharge from chemical factories
Recent Sample Re	esults Availat	ple					
	2006* 2007* 2007* 2007* 2007* 2008*	2006* .796 . 2007* .008483 .008072 2007* .0001 2007* .0001 2006* .002419 2008 .0.1 2008 .259622 2008 .02 2008 .02 2007* .0002 2008 .003 2008 .003	2006' 796	2008'	2006' 796	2006* 796	2006' 796

PWS # 120028 - North Enterprise-Lower Wilcox Aquifer Lower susceptibility contamination

Contaminant Radioactive Contaming	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
5. Alpha emitters	N	2002*	1.0	No Range	PCV1		0	15 Erosion of natural
Inorganic Contaminant 7. Antimony	N	2008	.0005	1	Ppm			6 Discharge from pelin refineries; fire retardent ceramics; electronics; solder
8. Arsenic	N	2008	.0005	No Range	Ppb		/a	50 Erosion of natural deposits; runoff from orchards; runoff from glass and electronics
10. Barium	N	2008	.016987	No Range	Ppm		2	production wastes 2 Discharge of drilling wastes; discharge from metal refineries; erosior of natural deposits
11. Beryllium	N	2008	.0001	No Range	Ppb	4		Discharge from metal refineries and coal- burning factories; discharge from electrics aerospace, and defense industries
12. Cadmium	2	2008	.0001	No Range	Pob		5	5 Corrosion of galya pipes; erosion of natural deposits; discharge from
13. Chromium	· N	2008	.000533	No Range	Ppb	10	0	metal refineries 100 Disarge from steel an pulp mills; erosion of natural deposits
14. Copper	N	2008	0.3	0	Ppm		.3	AL= 1.3 : Corrosion of househ plumbing systems; eros of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008	0.1	0	Ppm		4	4 Erosion of natural deposits: water additive which promotes strong teeth: discharge from fertilizer and aluminum
17. Lead	N	2008	2	0	ppb	15	0	factories AL=15 Corrosion of housel plumbing systems, eros of natural deposits
18. Mercury (inorganic	N	2008	.0002	No Range	Ppb		2	2 Erosion of natural deposits; discharge fror refineries and factories; runoff from landfills; runoff from cropland
19. Nitrate(as Nitrogen)	N	2008	.08	No Range	Ppm	11)	Rufidrom fertilizer use leaching from septic tanks, sewage: erosion natural deposits
20. Nitrite(as Nitrogen)	N	2008	.02	No Range	Ppm	1		Runoff from fertilizer us leaching from septic tanks, sewage: erosion natural deposits
21. Selenium	N	2008	.0005	Range	ppb	50		50 Discharge from petrol and metal refineries; erosion of natural deposits; discharge from mines
22. Thallium		2008	.0005	0	Ppm		2	Leaching from ore- processing sites; discha from electronics, glass, and drug factories
Disinfection By Product 73. TTHM	s N I	2006*	.080	No Range	ppb		0	100 By-product of drinkin
Total trihalomethanes	N	2006*	.060	No Range	ppm		0	water chlorination .060 By-product of drinkin
Chlorine(asCl2)	N	2008	0.42	0.40 0.43	Mg/L	N/		water chlorination 4 Water Additives; used control microbes
Volatile Orga	nic Coi	ntaminar	its					- I
76. Xylenes	N	2008	5	No Range	Ppb		10	10 Discharge from petro

PWS # 120028 - North Enterprise- Lower Wilcox Aquifer
We are required to monitor your drinking water for specific constituents on a monthly basis.
Results of regular monitoring are an indicator of whether or not our drinking water meets health
standards. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH)
required public water systems that use chlorine as a primary disinfectant to monitor/ test for
chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. Our water system
failed to complete these monitoring requirements in January 1 2006 through January 31
2006. We did complete the monitoring requirements for bacteriological sampling that showed
no coli form present. In an effort to ensure systems complete all monitoring requirements,
MSDH now notifies system of any missing samples prior to the end of the compliance period.